

FIG. 1

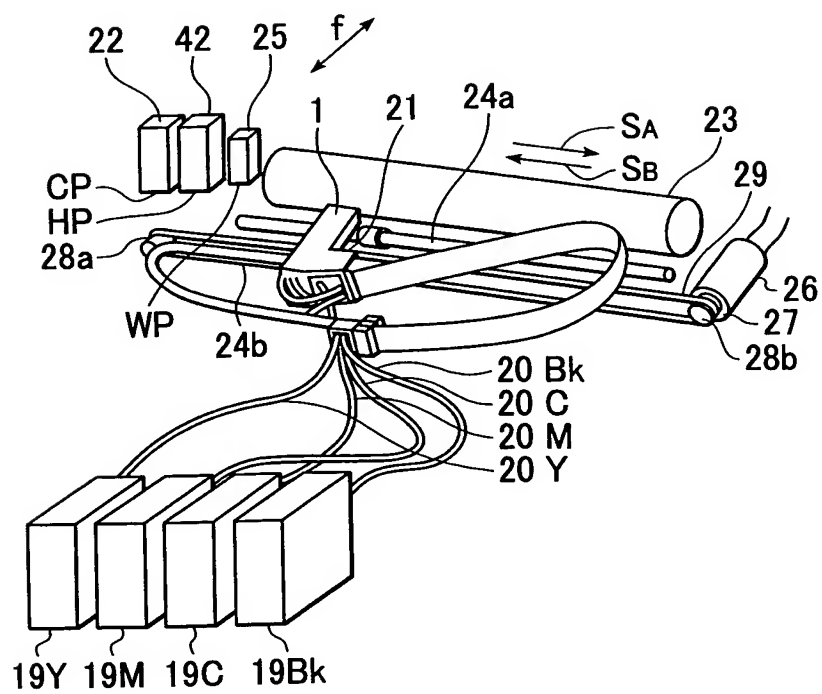


FIG. 2

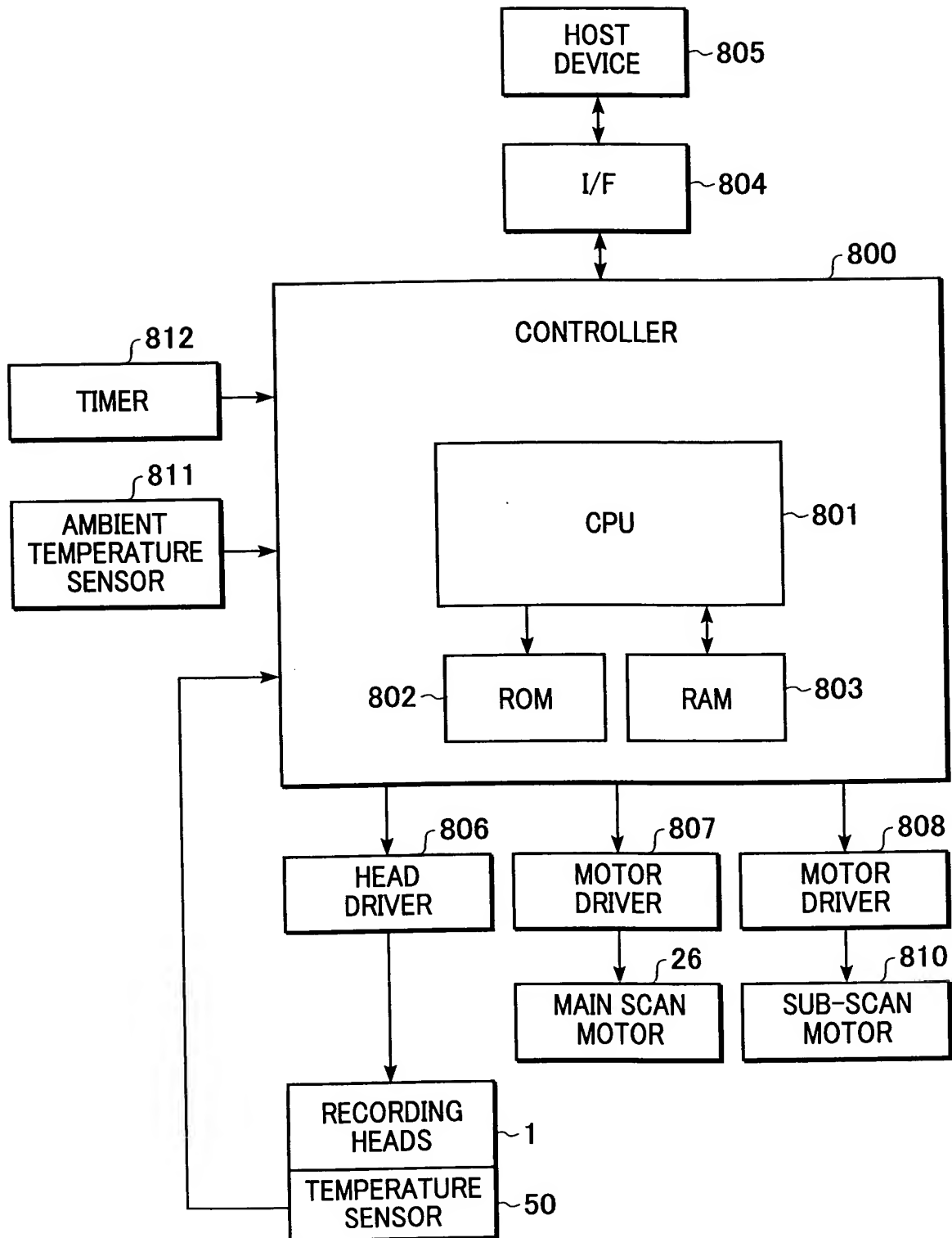


FIG. 3

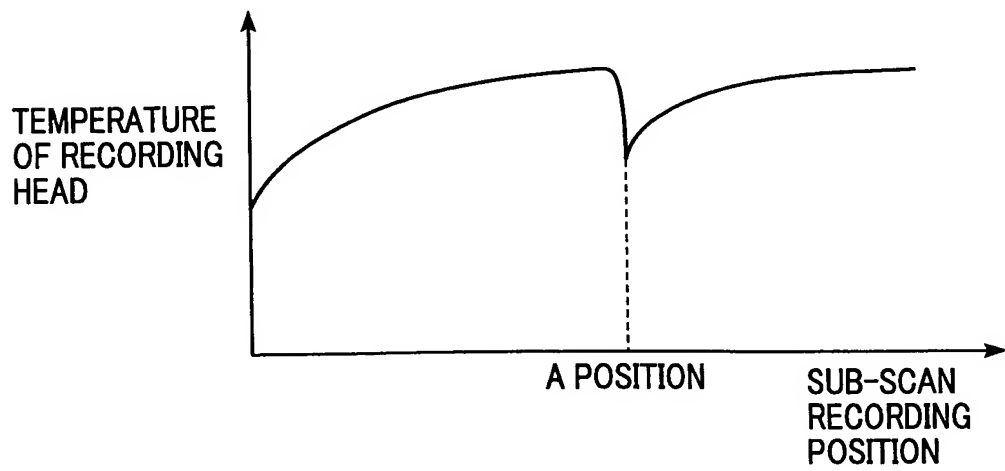


FIG. 4

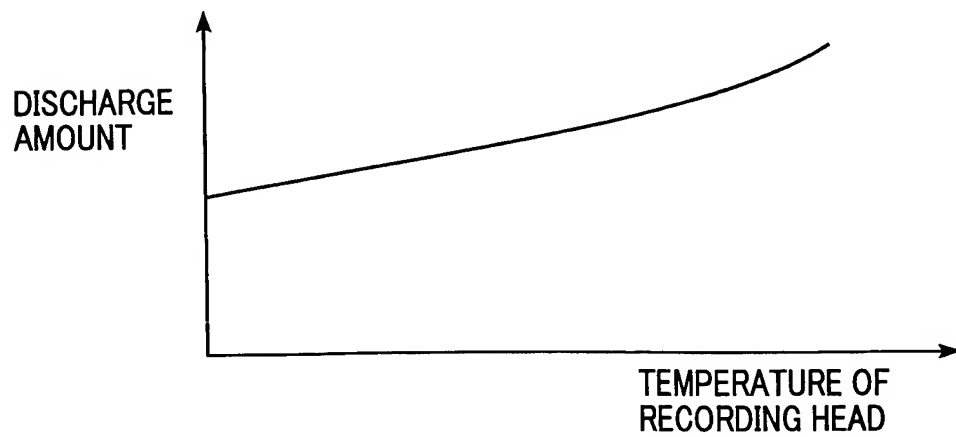


FIG. 5

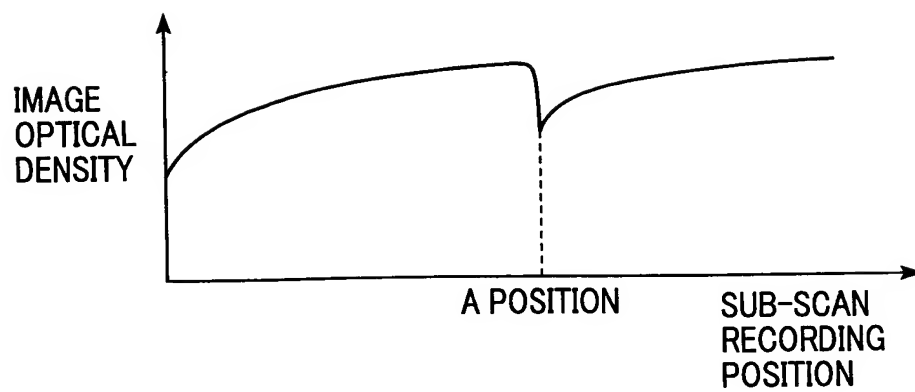


FIG. 6

	Tb1	Tb2	Tb3	Tb4	Ta1	Ta2	Ta3	Ta4
TEMPERATURE OF RECORDING HEADS	33°C	49°C	41°C	37°C	40°C	55°C	50°C	44°C
Tave2 = 40°C					Tave1 = 47.3°C			

FIG. 7

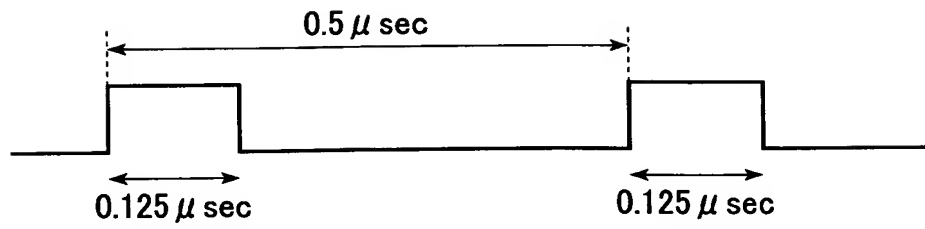


FIG. 8

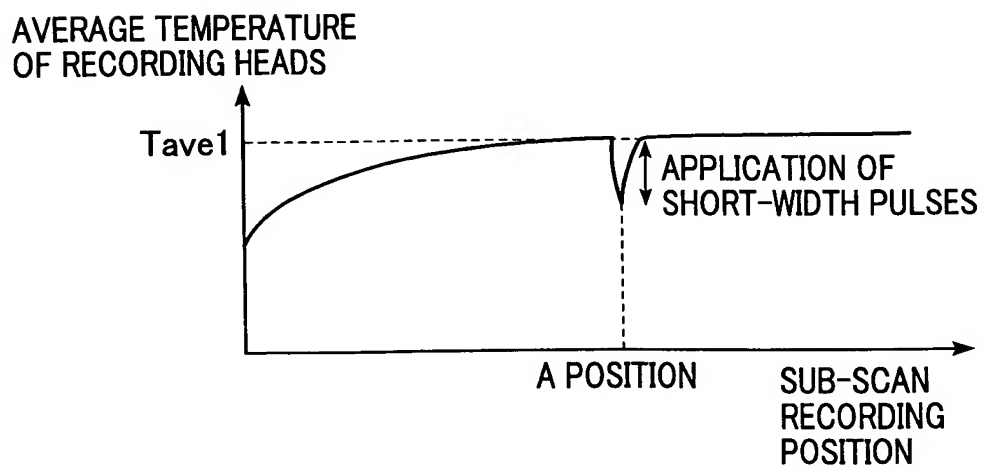


FIG. 9

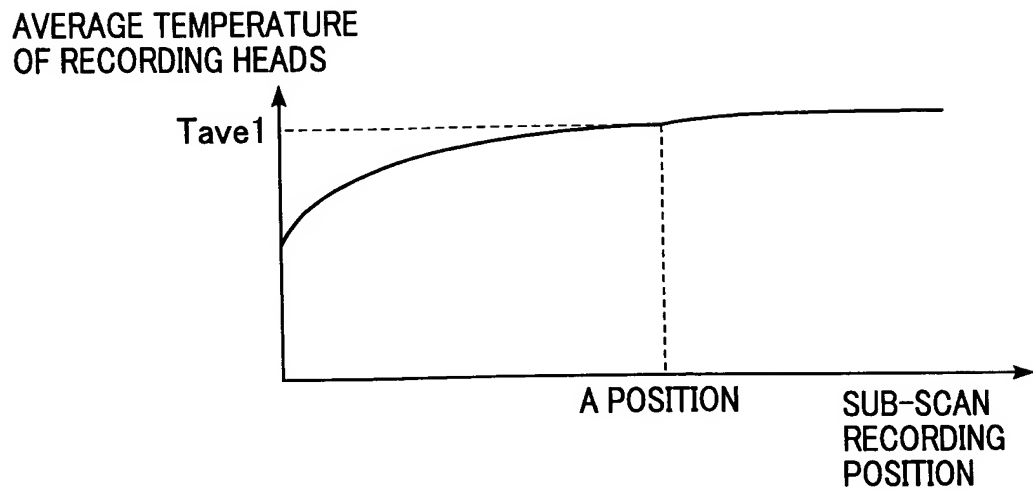


FIG. 10

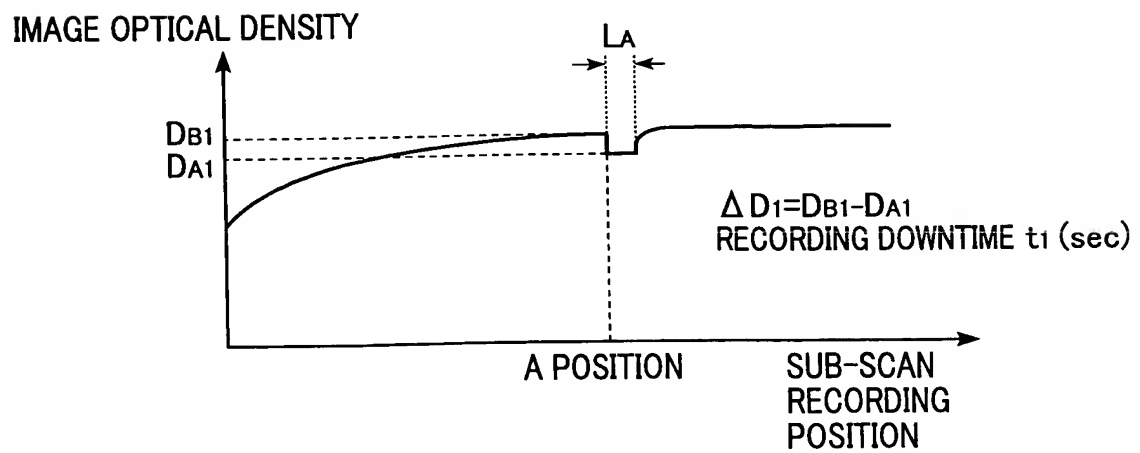


FIG. 11

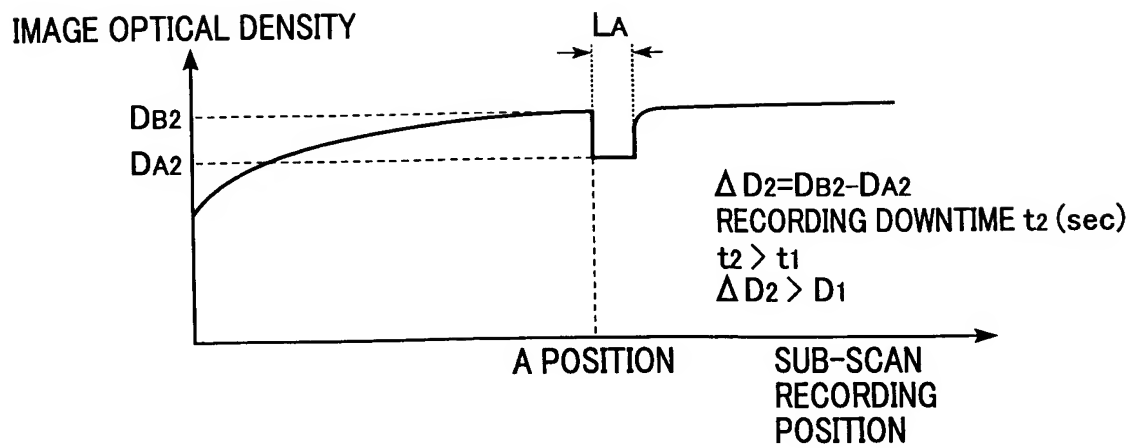


FIG. 12

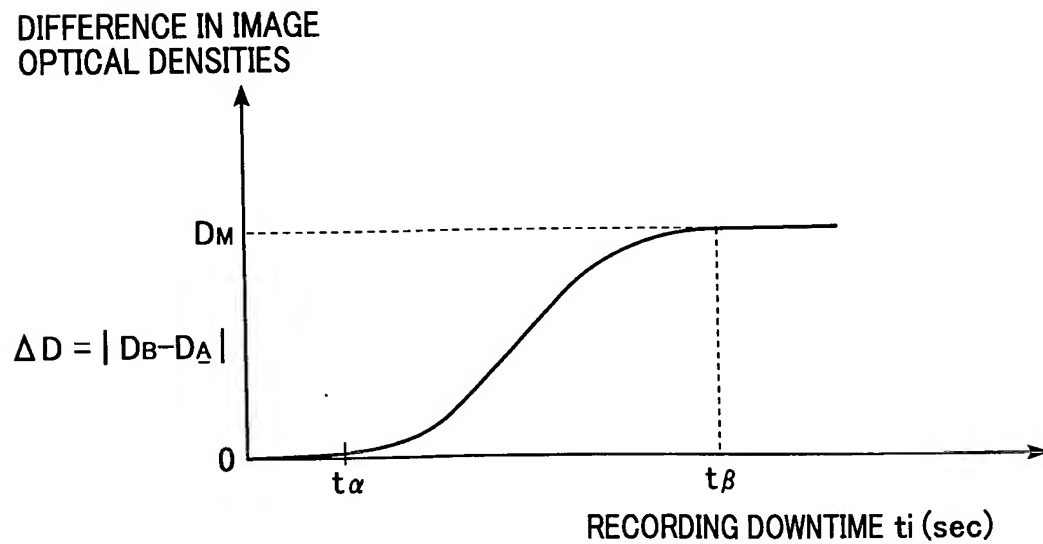


FIG. 13

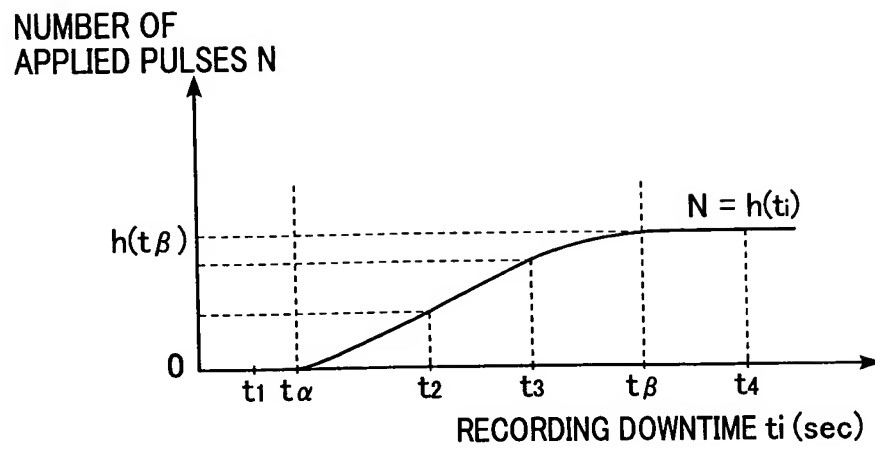


FIG. 14

RECORDING DOWNTIME $t_i$	0	$t_1$	$t_\alpha$	$t_2$	$t_3$	$t_\beta$	$t_4$
NUMBER OF APPLIED PULSES $N$	0	0	0	$h(t_2)$	$h(t_3)$	$h(t_\beta)$	$h(t_\beta)$



FIG. 15

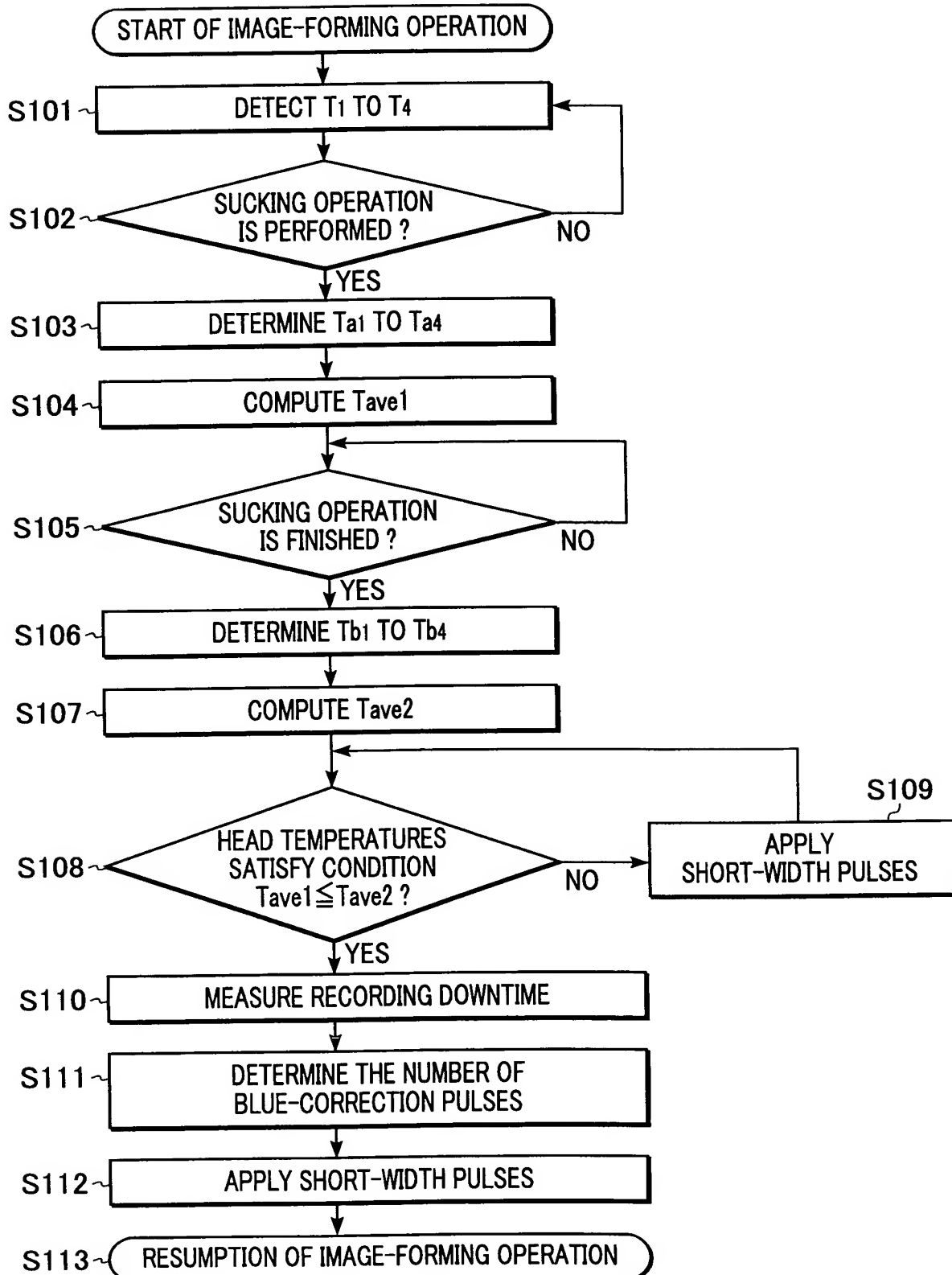


FIG. 16

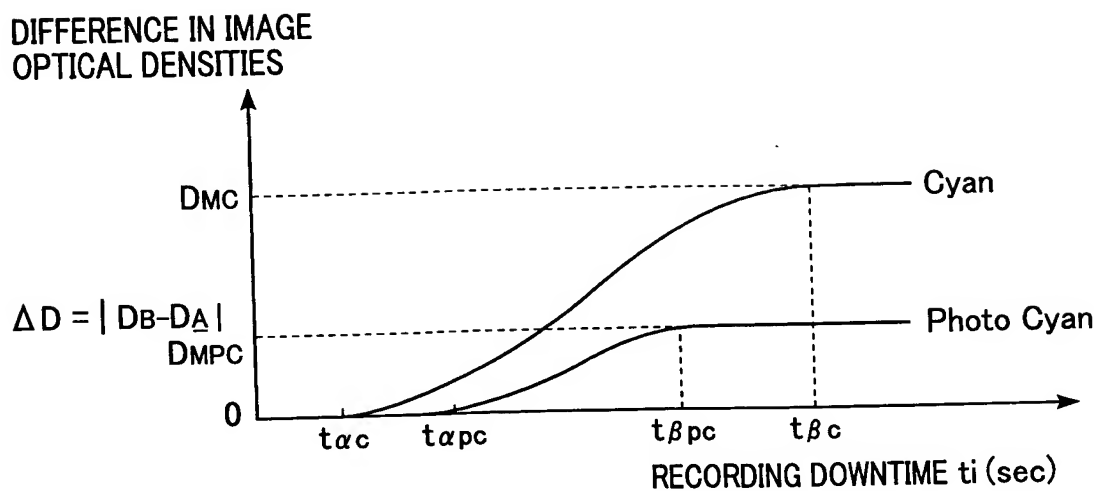


FIG. 17

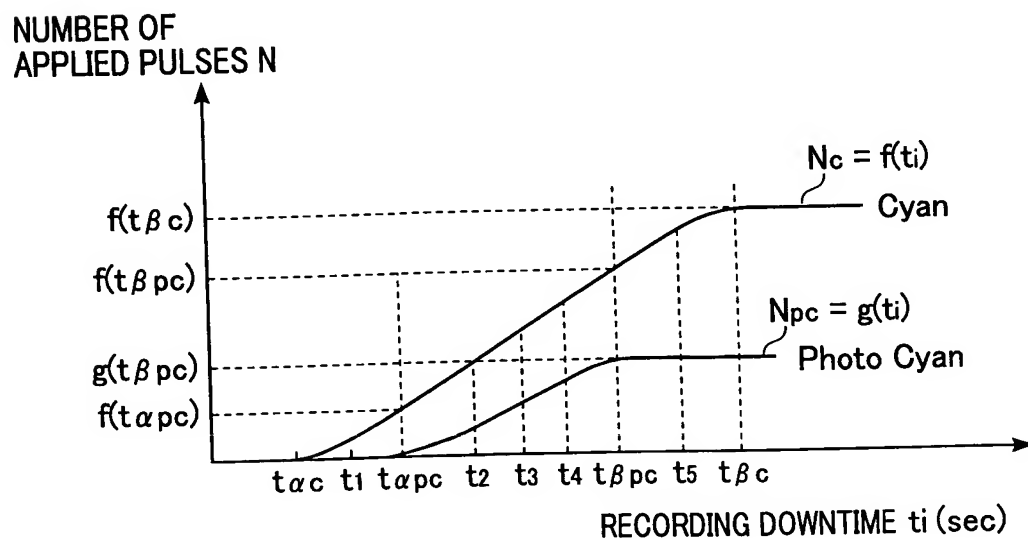


FIG. 18

INK COLOR	RECORDING DOWNTIME $t_i$	$t_{\alpha c}$	$t_1$	$t_{\alpha pc}$	$t_2$	$t_3$	$t_4$	$t_{\beta pc}$	$t_5$	$t_{\beta c}$
	C	0	$f(t_1)$	$f(t_{\alpha pc})$	$f(t_2)$	$f(t_3)$	$f(t_4)$	$f(t_{\beta pc})$	$f(t_5)$	$f(t_{\beta c})$
	P <sub>c</sub>	0	0	0	$g(t_2)$	$g(t_3)$	$g(t_4)$	$g(t_{\beta pc})$	$g(t_{\beta pc})$	$g(t_{\beta pc})$